



PTO/SB/08a/b (08-03)

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Substitute for form 1449A/B/PTO				Complete if Known	
				Application Number	10/734499
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Filing Date	December 12, 2003
				First Named Inventor	Raanan A. Miller
				Art Unit	2881
				Examiner Name	Hashmi, Zia R.
Sheet	1	of	1	Attorney Docket Number	SION-P12-041

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
W	AA	2003/0052263 A1	03/20/03	Kaufman et al.	
	AB	2003/0132380 A1	07/17/03	Miller et al.	
	AC	6,639,212	10/28/03	Guevremont	
	AD	6,653,627	11/25/03	Guevremont	
	AE	6,690,004	02/10/04	Miller et al.	
	AF	6,703,609	03/09/04	Guevremont	
	AG	6,713,758	03/30/04	Guevremont	
	AH	2004/0094704 A1	05/20/04	Miller et al.	
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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
WCS	BA	WO-01/69217 A2	09/20/01	National Research Council Canada		

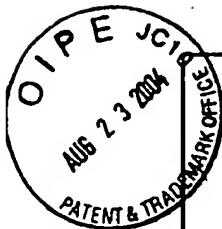
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NON PATENT LITERATURE DOCUMENTS			
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W	CA	"Comparison of the Planar and Coaxial Field Asymmetrical Waveform Ion Mobility Spectrometer (FAIMS)," International Journal of Mass Spectrometry, 225, (2003), pp. 39-51.	

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Examiner Signature	ZIA R. HASHMI	Date Considered	6/28/05
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Sheet	1	of	4
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		Number-Kind Code ² (# known)			
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	AV	US-5,654,544	08-05-1997	Dresch	
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W	AR1	US-2001/0030285 A1	10-18-2001	Miller et al.	
	AS1	US-2002/0134932 A1	09-26-2002	Guevremont et al.	
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	AX1	US-6,323,482 B1	11-27-2001	Clemmer et al.	
	AY1	US-6,512,224	01-28-2003	Miller et al.	
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		Country Code ²	Number ³ -Kind Code ⁴ (if known)			
W	BA	WO-00/08454		02-17-2000	National Research Council Canada	
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	BN	WO-01/69220 A2		09-20-2001	National Research Council Canada	
	BO	WO-01/69647 A2		09-20-2001	National Research Council Canada	
	BP	WO-02/071053 A2		09-12-2002	The Charles Stark Draper Laboratory	
	BQ	WO-02/083276		10-24-2002	The Charles Stark Draper Laboratory, Inc.	
	BR	WO-03/005016		01-16-2003	Sionex Corporation	
	BS	WO-2003/015120		02-20-2003	Sionex Corporation	

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W	CA	"A Micromachined Field Driven Radio Frequency-Ion Mobility Spectrometer for Trace Level Chemical Detection," A Draper Laboratory Proposal Against the "Advanced Cross-Enterprise Technology Development for NASA Missions," Solicitation, NASA NRA 99-OSS-05.		
	CB	BARNETT et al., "Isotope Separation Using High-Field Asymmetric Waveform Ion Mobility Spectrometry," Nuclear Instruments & Methods in Physics Research, Vol. 450, No. 1, pp. 179-185 (2000).		
	CC	BURYAKOV et al., "A New Method of Separation of Multi-Atomic Ions by Mobility at Atmospheric Pressure Using a High-Frequency Amplitude-Asymmetric Strong Electric Field," International Journal of Mass Spectrometry and Ion Processes, Vol. 128, pp. 143-148 (1993).		
	CD	BURYAKOV et al., "Drift Spectrometer for the Control of Amine Traces in the Atmosphere," J. Anal. Chem., Vol. 48, No. 1, pp. 112-121 (1993).		
	CE	BURYAKOV et al., "Separation of Ions According to Mobility in a Strong AC Electric Field," Letters to Journal of Technical Physics, Vol. 17, pp. 11-12 (1991).		
	CF	BURYAKOV et al., "Device and Method for Gas Electrophoresis, Chemical Analysis of Environment," ed. Prof. V.V. Malakhov, Novosibirsk: Nauka, pp. 113-127 (1991).		
	CG	CARNAHAN et al., "Field Ion Spectrometry - A New Analytical Technology for Trace Gas Analysis," ISA, Vol. 51, No. 1, pp. 87-96 (1996).		
	CH	CARNAHAN et al., "Field Ion Spectrometry - A New Technology for Cocaine and Heroin Detection," SPIE, Vol. 2937, pp. 106-119 (1997).		
	CI	EICEMAN et al., "Miniature radio-frequency mobility analyzer as a gas chromatographic detector for oxygen-containing volatile organic compounds, pheromones and other insect attractants," Journal of Chromatography, Vol. 917, pp. 205-217 (2001).		
	CJ	GUEVREMONT et al., "Atmospheric Pressure Ion Focusing in a High-Field Asymmetric Waveform Ion Mobility Spectrometer," Review of Scientific Instruments, Vol. 70, No. 2, pp. 1370-1383 (1999).		
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<i>H</i>	CP	MILLER et al., "A MEMS Radio-Frequency Ion Mobility Spectrometer for Chemical Agent Detection," Proceedings of the 2000 SolidState Sensors and Actuators Workshop (Hilton Head, SC, June 2000)	
	CQ	MILLER et al., "A MEMS radio-frequency ion mobility spectrometer for chemical vapor detection," Sensors and Actuators, Vol. 91, pp. 301-312 (2001)	
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